

Standards and methodological implications for Project-level and National Initiatives

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ENCONTRO DA CÚPULA DE GOVERNADORES
SOBRE CLIMA E FLORESTAS

Belém, 19 de Junho de 2009



Who are we?

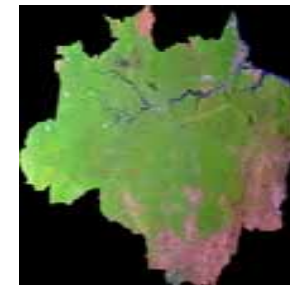
1. NGO founded in 2004, Manaus – AM

2. Programs and Thematic Areas:

- Protected Areas
- Natural Resources Management
- **Climate Change and Environmental Services**

3. Focus on climate, forests, and PES schemes

- Official UNFCCC Observer
- Cooperation with the Government of Amazonas State / Amazonas Sustainable Foundation (FAS)
- National and regional networks



Key methodological elements for REDD project design and policy implementation

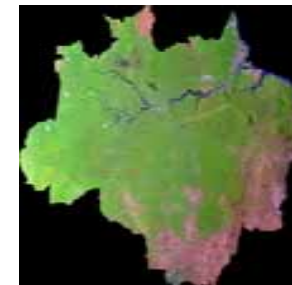
1. Funding: Market x Non Market

2. Scale: National x Sub-national

3. Baselines and Additionality

4. Project boundaries/carbon stocks

5. Leakage



4 Fundamental Principles about REDD



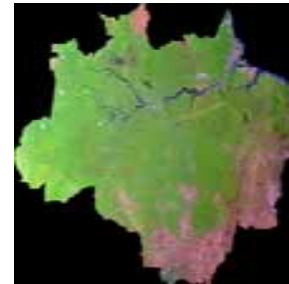
The world's last intact forest landscapes

GREENPEACE



Fonte: Greenpeace 2008

Market x Non Market



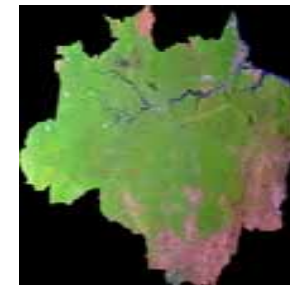
(STERN: US\$ 15 Billion/year)

Non Market (Fund) Approches:

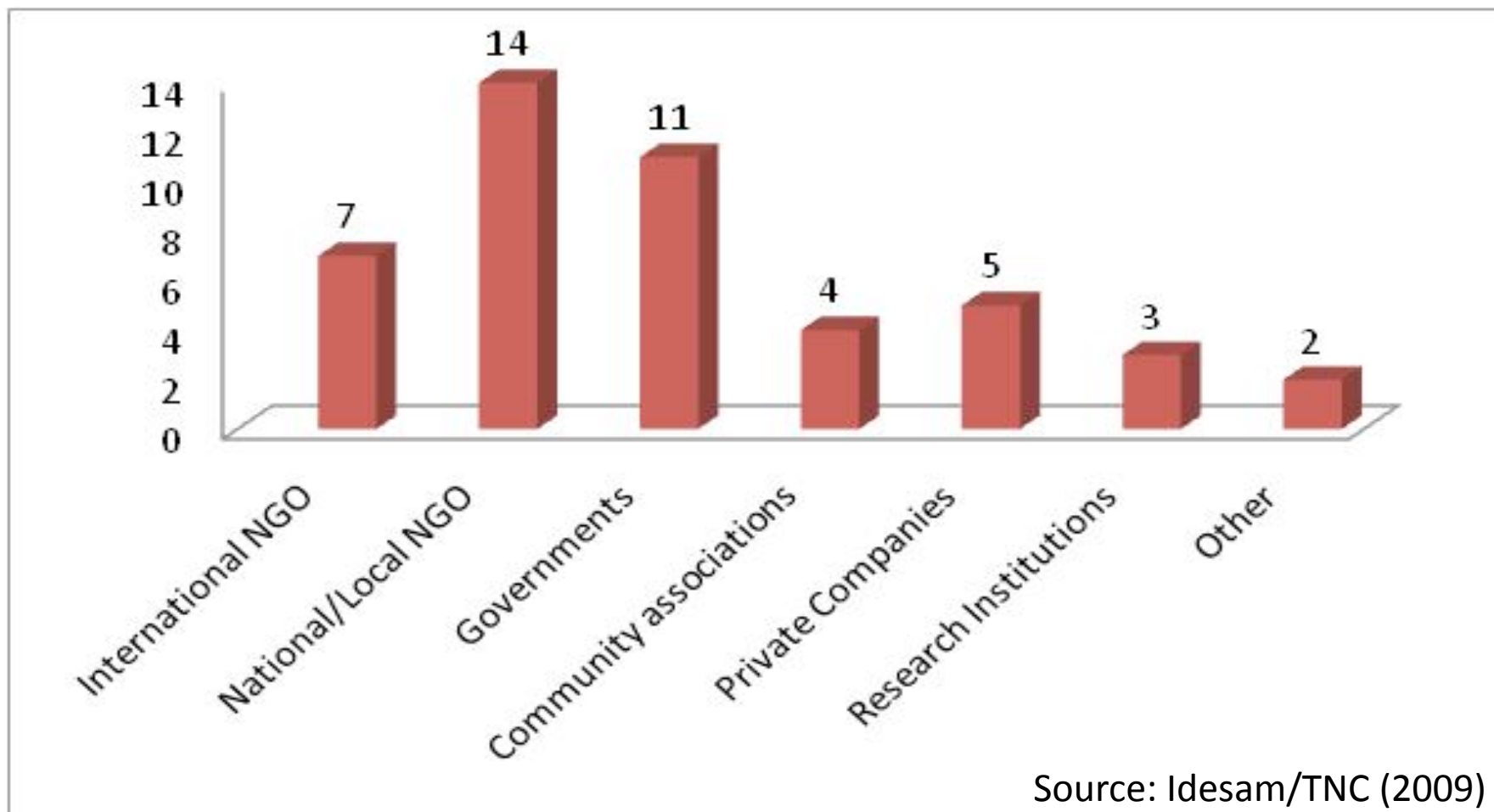
- Annex I contributions to a REDD fund under UNFCCC, GEF, Overseas Development Agencies (ODAs), others
- Works? Long-term?

Market Approaches

- Fungibility with CDM, new REDD mechanism, link to Annex I targets, voluntary markets, etc
- Works?
 - Carbon Market ~ U\$120 Billion in 2008
 - FCPF: U\$ 300 M + BioCF
 - US Climate Bill(s): U\$???
 - Australian Scheme (CPRS): U\$???
 - Others OTC: Juma, Aceh, etc.



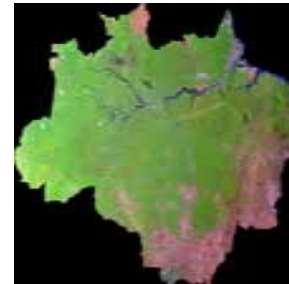
15 REDD initiatives mapped in Latin America (Jun, 2009)...



Brasil, Peru, Bolivia, Colombia, Equador and Paraguay



National x Sub-national



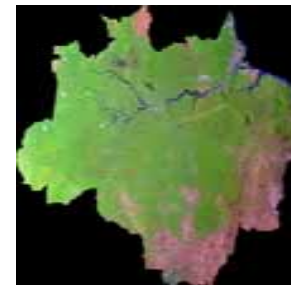
Pros/cons

- **National level**

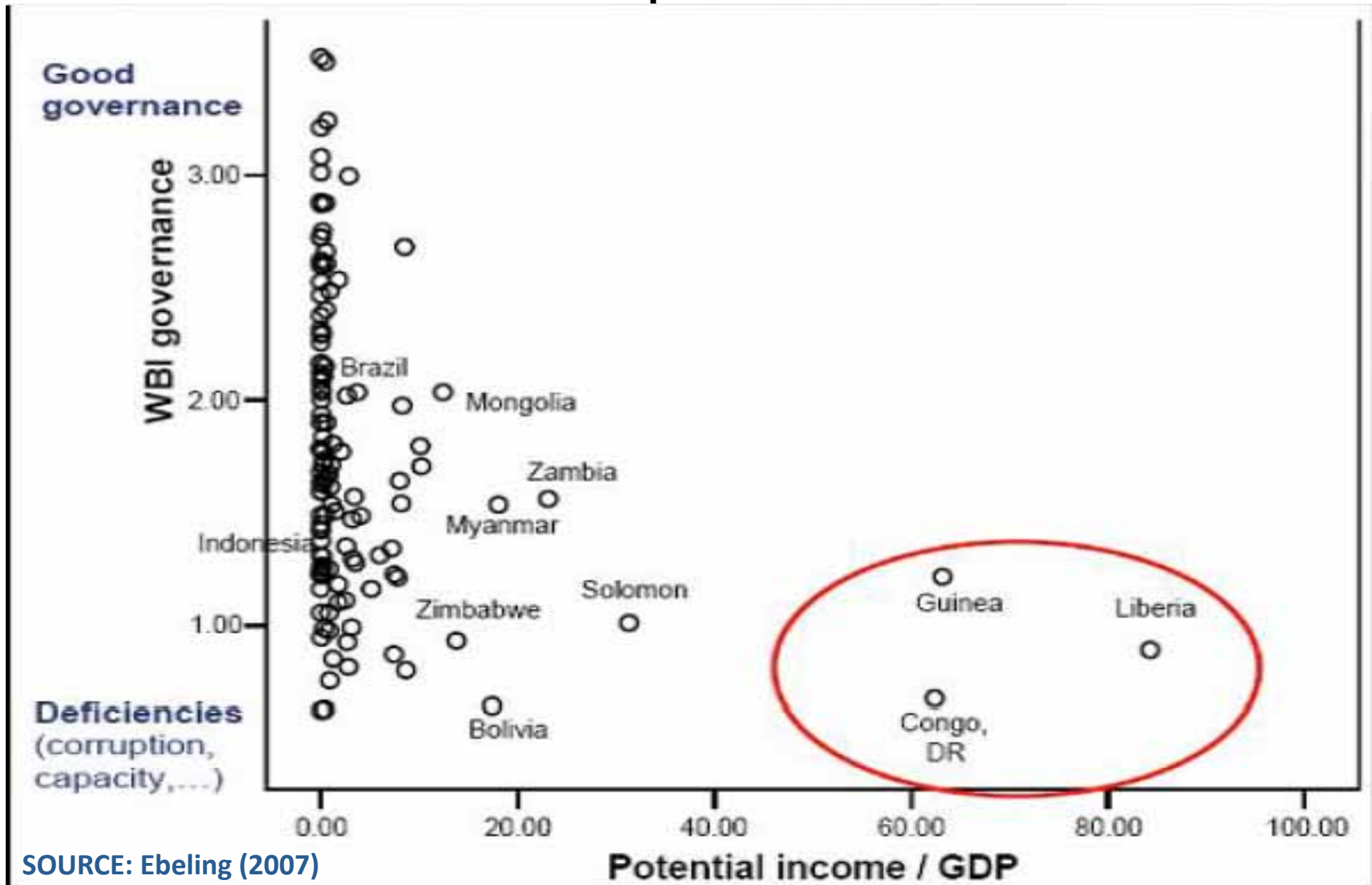
- Solves leakage at “national level”
 - Can represent a hard implementation problem in low governance countries (bureacracy, corruption, etc.)
 - Less attractive to market mechanisms and private sector

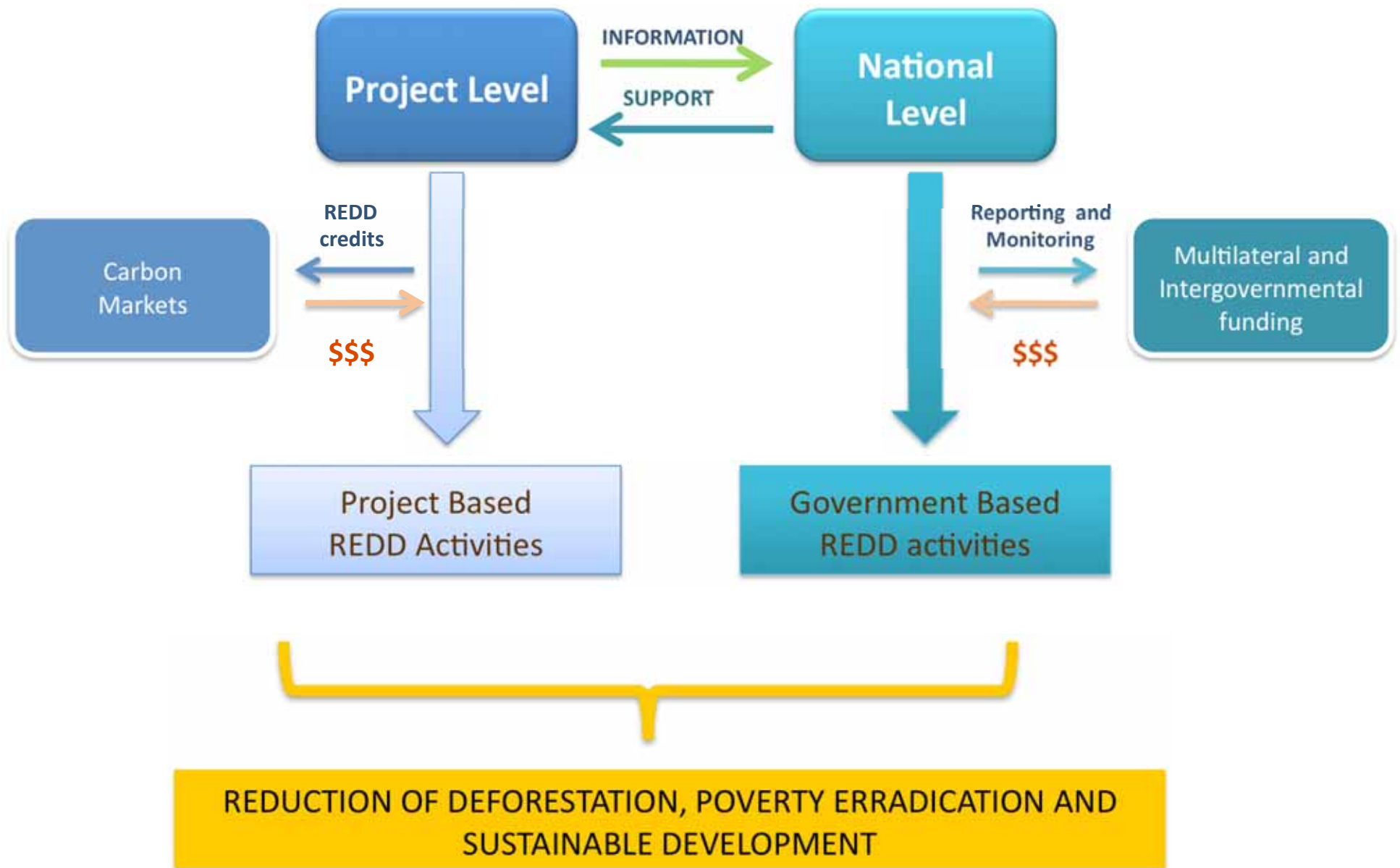
- **Sub-national level (regional, projects etc.)**

- More interest from the private sector
- Early implementation and boosts technology and methodological improvement
 - Must deal well with leakage

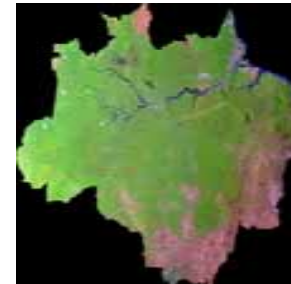


Potential benefit (increase in GDP) REDD x Governance in selected tropical countries...

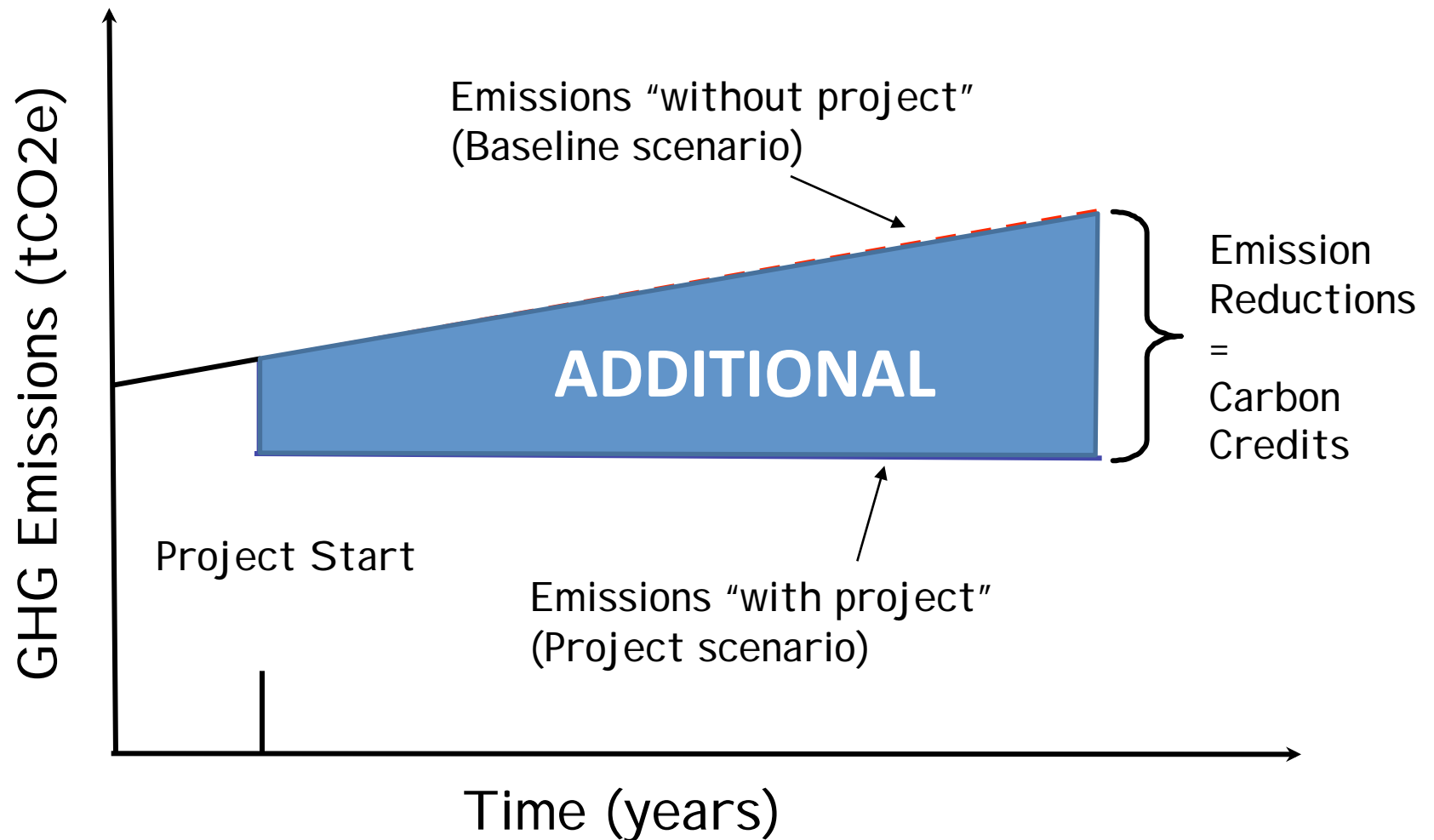




Baselines and Additionality



Baseline and additionality?

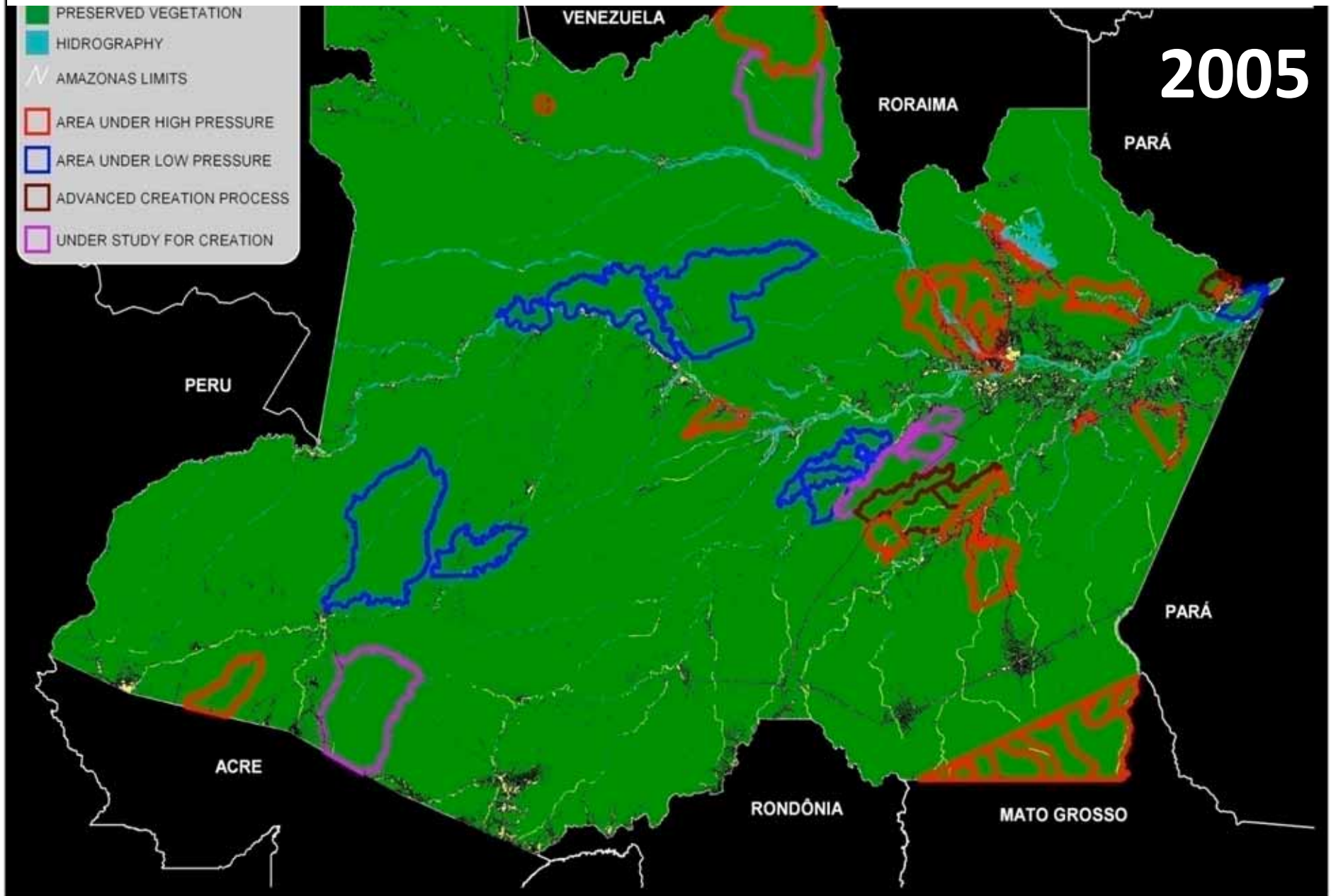


Historical baseline

PROBLEM:

**What happens in countries with
historic low deforestation
(but willing to grow) rates?**

Projected baseline

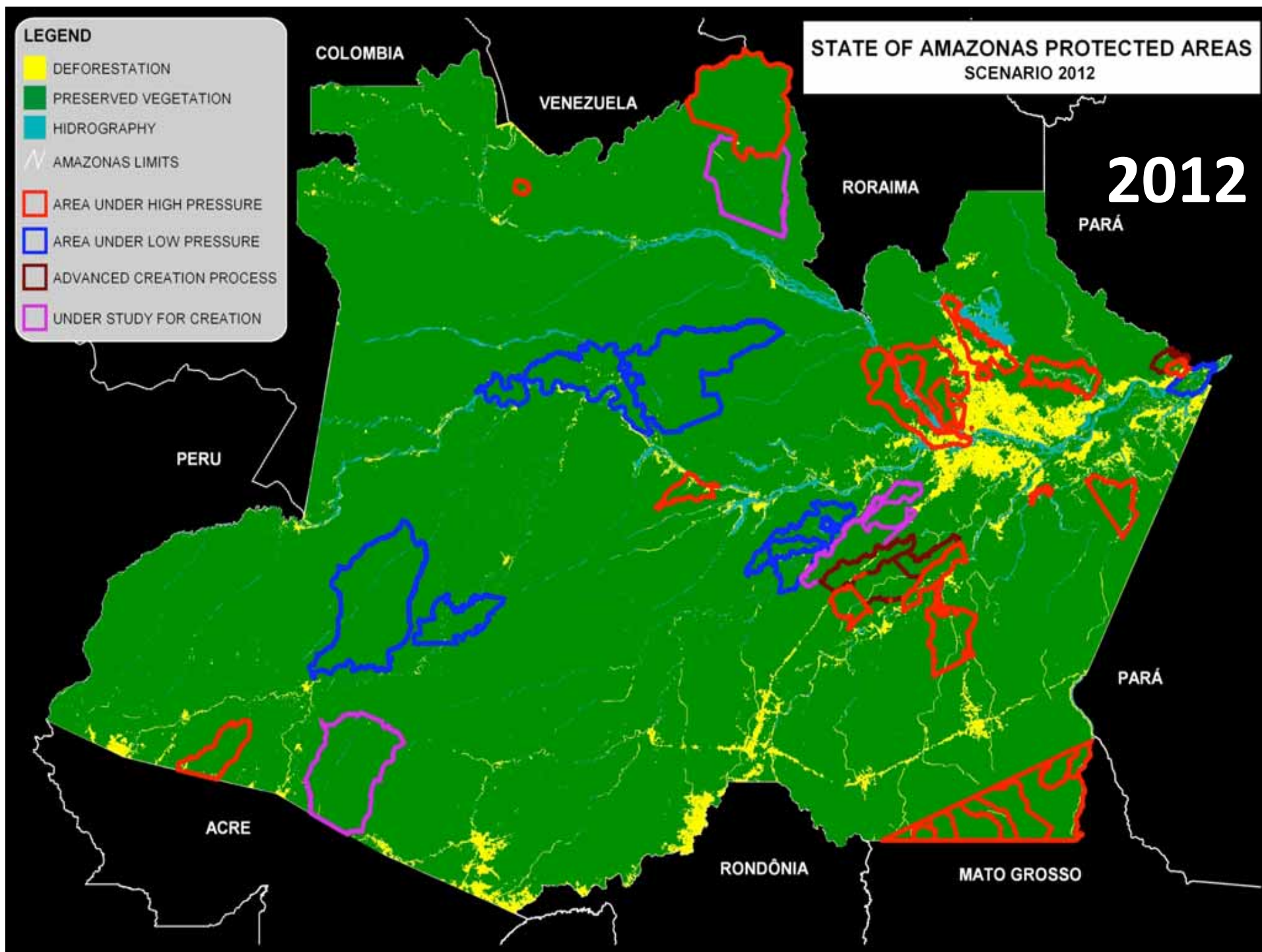


LEGEND

- DEFORESTATION
- PRESERVED VEGETATION
- HIDROGRAPHY
- AMAZONAS LIMITS
- AREA UNDER HIGH PRESSURE
- AREA UNDER LOW PRESSURE
- ADVANCED CREATION PROCESS
- UNDER STUDY FOR CREATION

STATE OF AMAZONAS PROTECTED AREAS SCENARIO 2012

2012

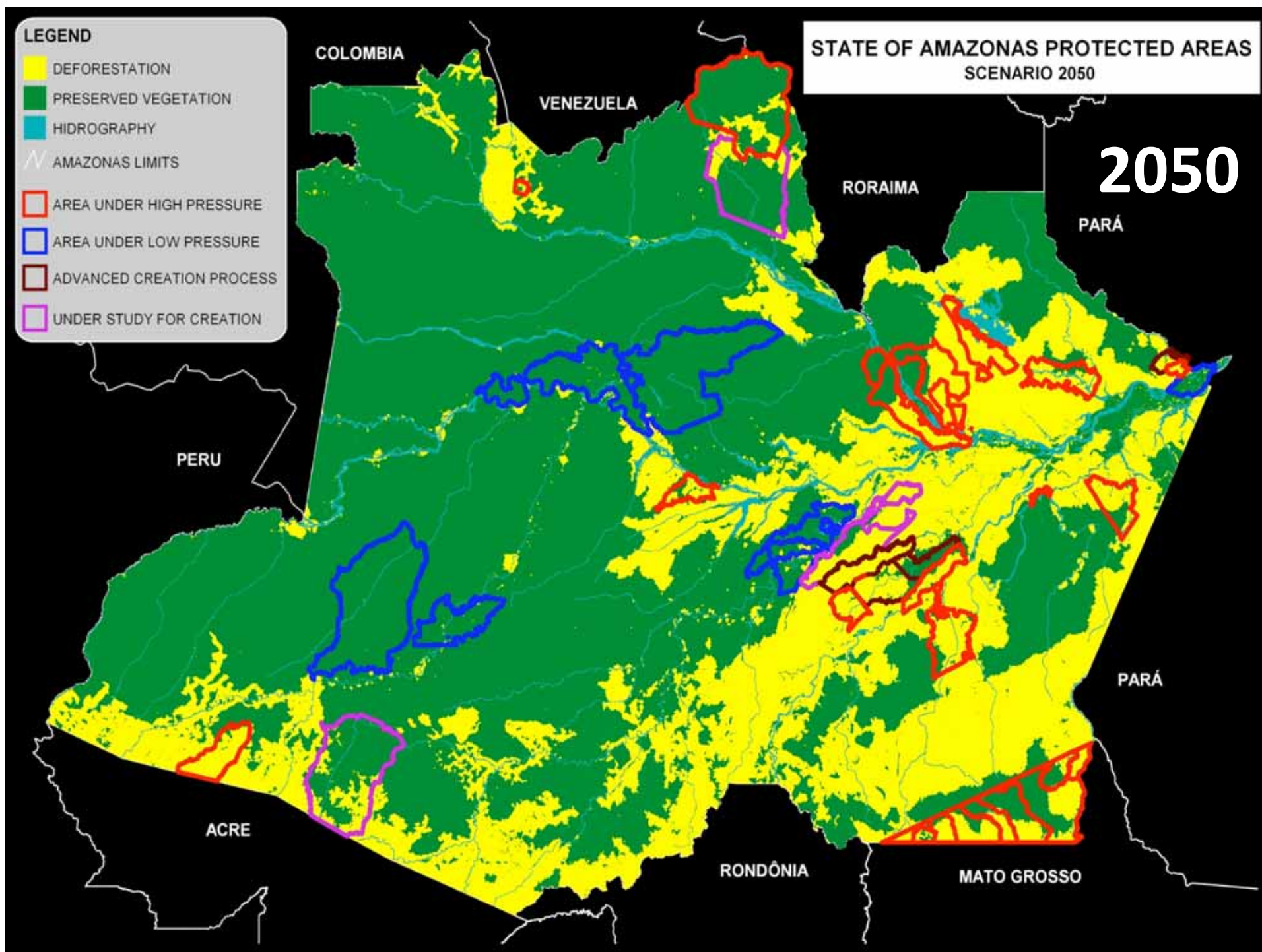


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STATE OF AMAZONAS PROTECTED AREAS SCENARIO 2050

2050



Lessons learned - Juma Project

(CCB “gold” validated, VCS on the way)

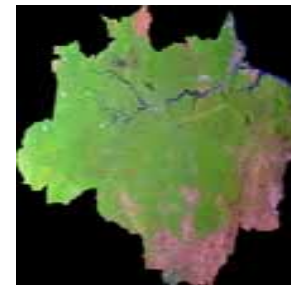
1. Baselines and Additionality

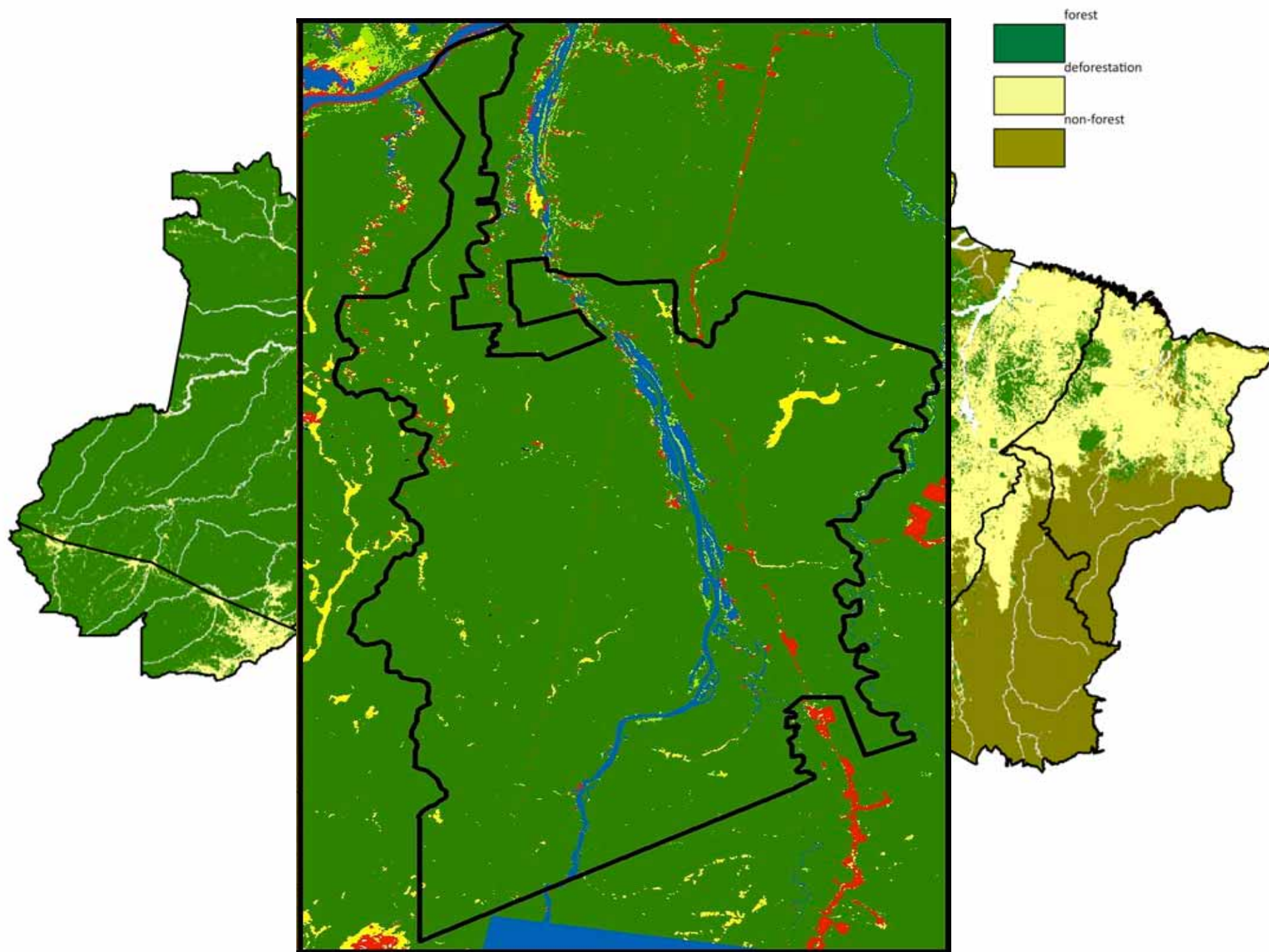
- Reference region
- “Early actions”

2. Project boundaries and stakeholders

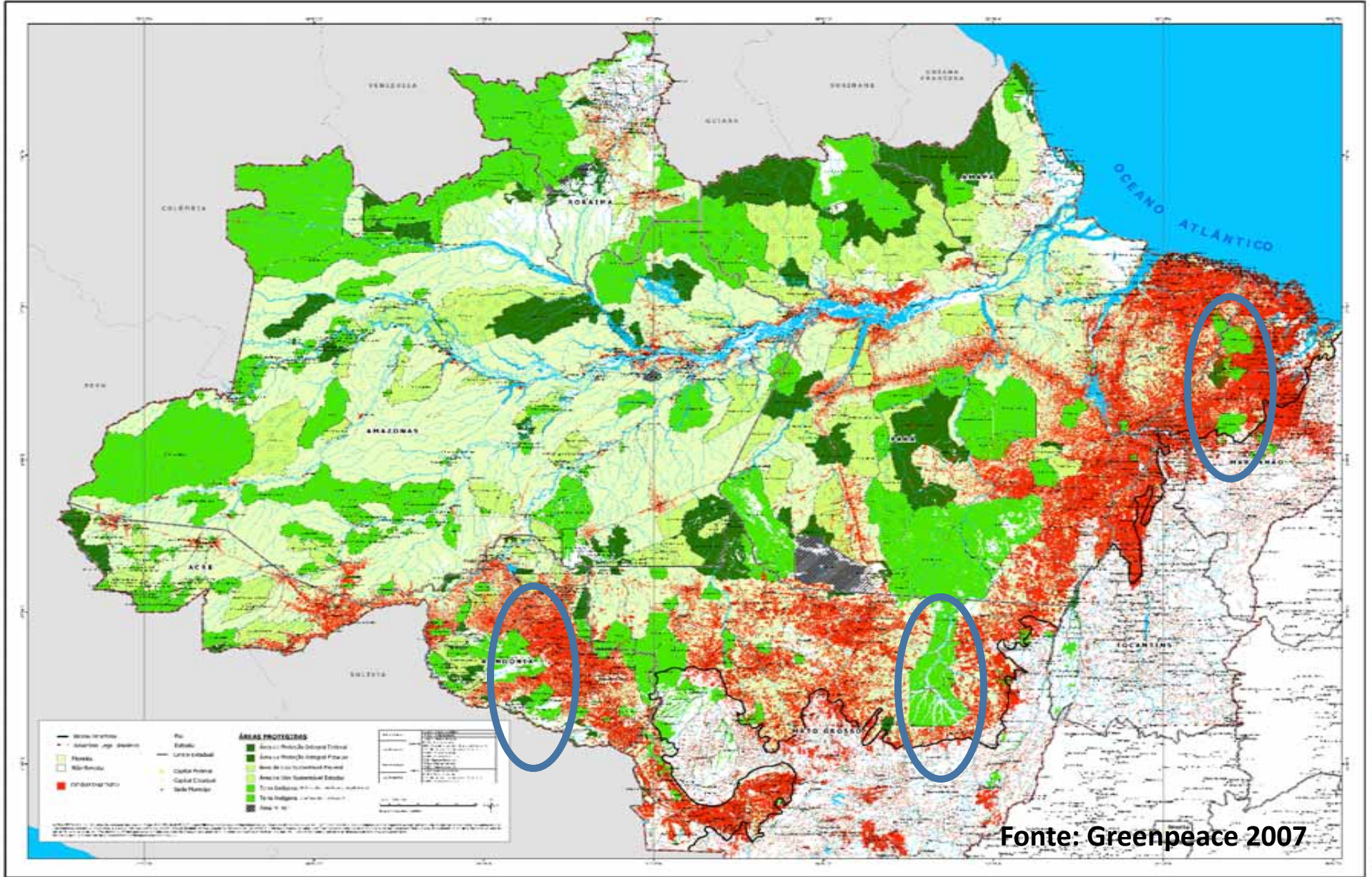
3. Leakage

4. Scale – project approach

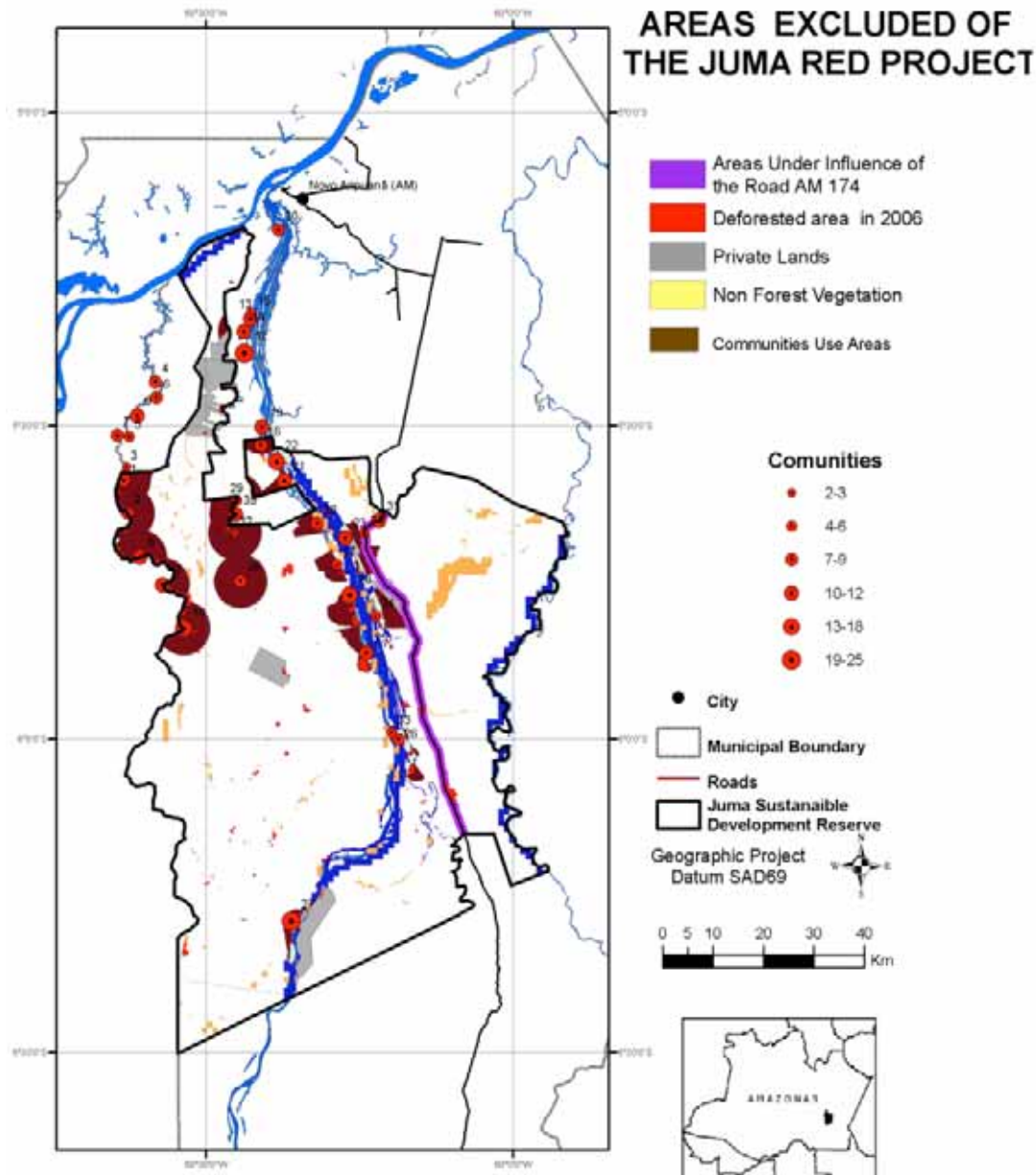




TIME BASIS: How to approach correctly actions implemented in different timings (“early actions”) into one single baseline?



Project Boundaries (different C stocks)

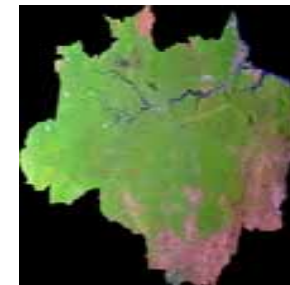


Road AM-174: previous deforestation and forest degradation

Deforested areas and non-forest vegetation (natural savannah)

Private lands (claimed titles)

Community areas: future use for agriculture, forest management, etc

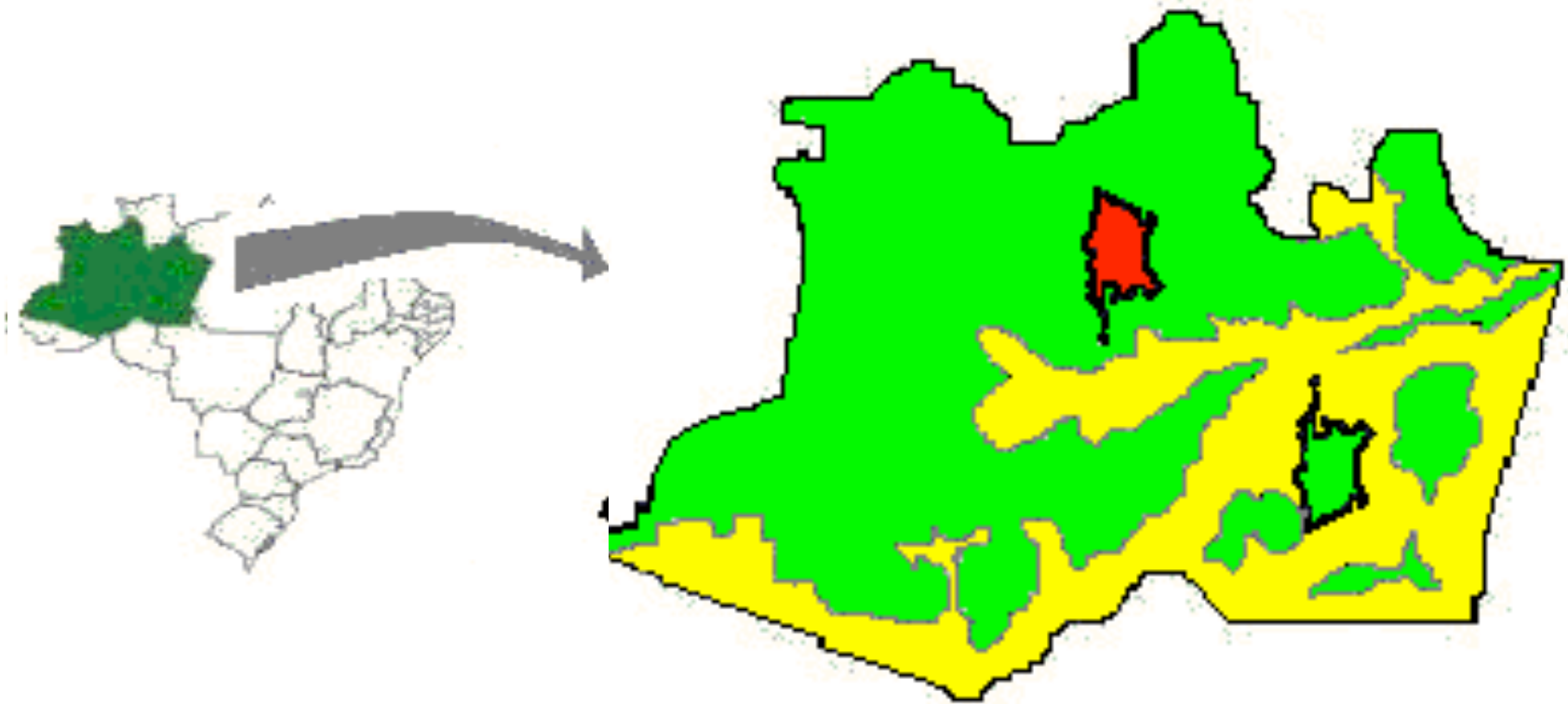


Leakage

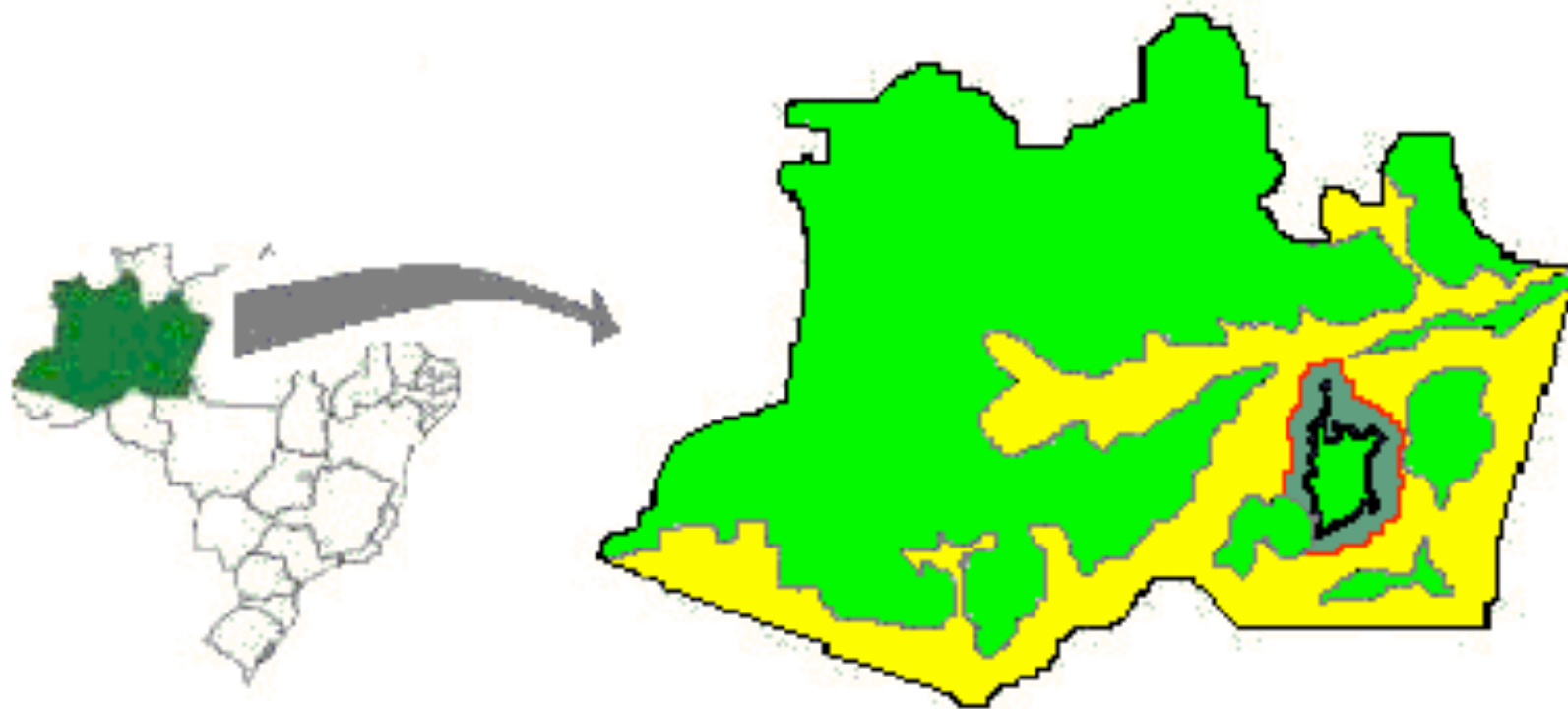
“Leakage is defined as the net change of anthropogenic emissions by sources of greenhouse gases which occurs outside the project boundary, and which is measurable and attributable to the project activity”

(Marrakesh Accords, UNFCCC , 2001)

Leakage



Leakage



Positive leakage!!!

Integrating National and Subnational Initiatives

**How to avoid double
accounting?**

Subnational Initiatives - REDD

REDD Project in PA 01

20tCo2

REDD Project Farmers
Associations XXX

20tCo2

50t

Indigenous Land YYY REDD
Project

10tCo2

2010 - 2015

National Programs (non REDD)

Law enforcement and
monitoring Program

Sustainable Businesses
Activities

Improvement of
agriculture efficiency

Sustainable Forest
Management

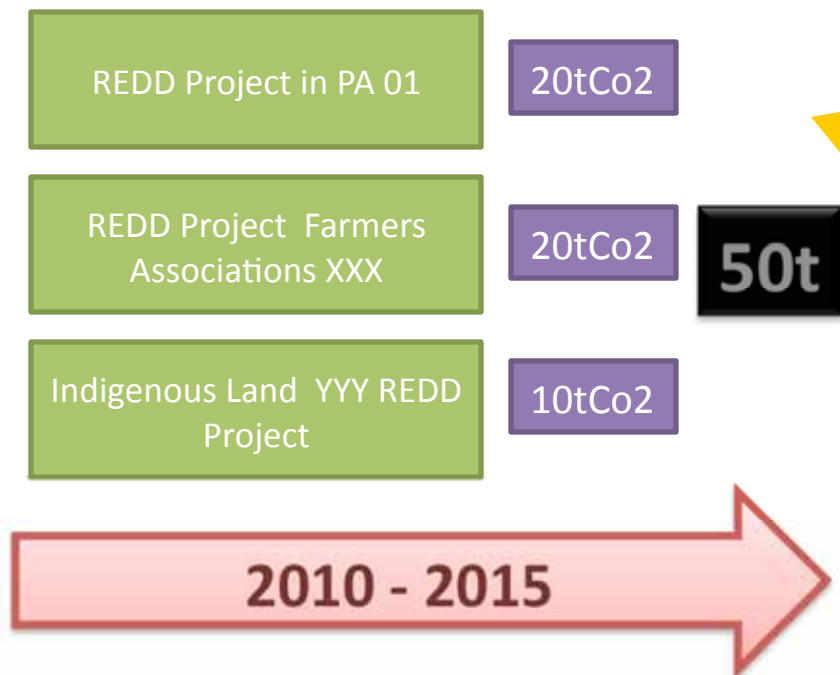
150t

National Registry for
REDD Activities

200tCO2

National
Emission
Reductions

Subnational Projects (REDD)



National Programs (non-REDD)



National Registry for REDD Activities

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**National
Emission
Reductions**

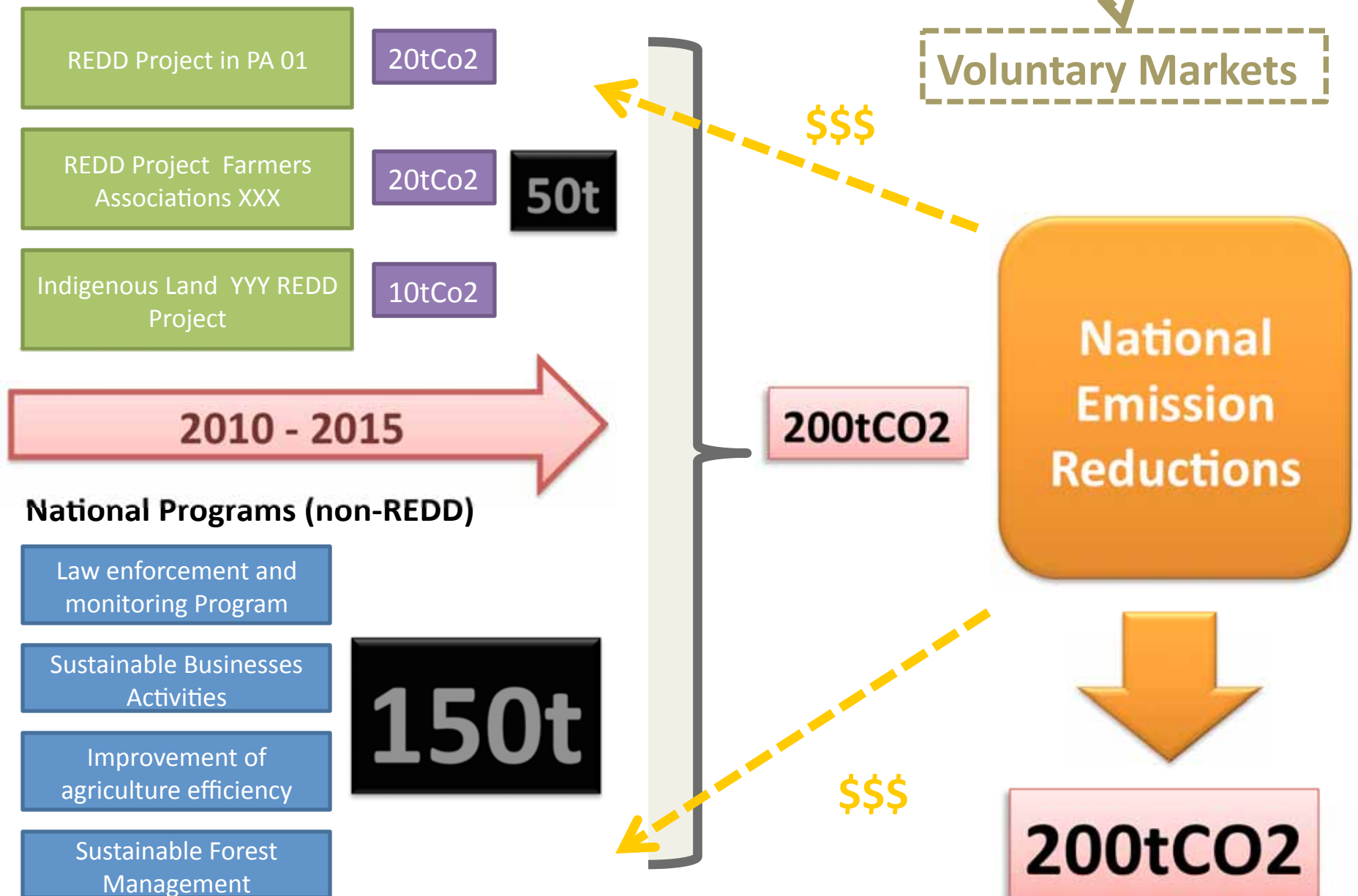
200tCO2

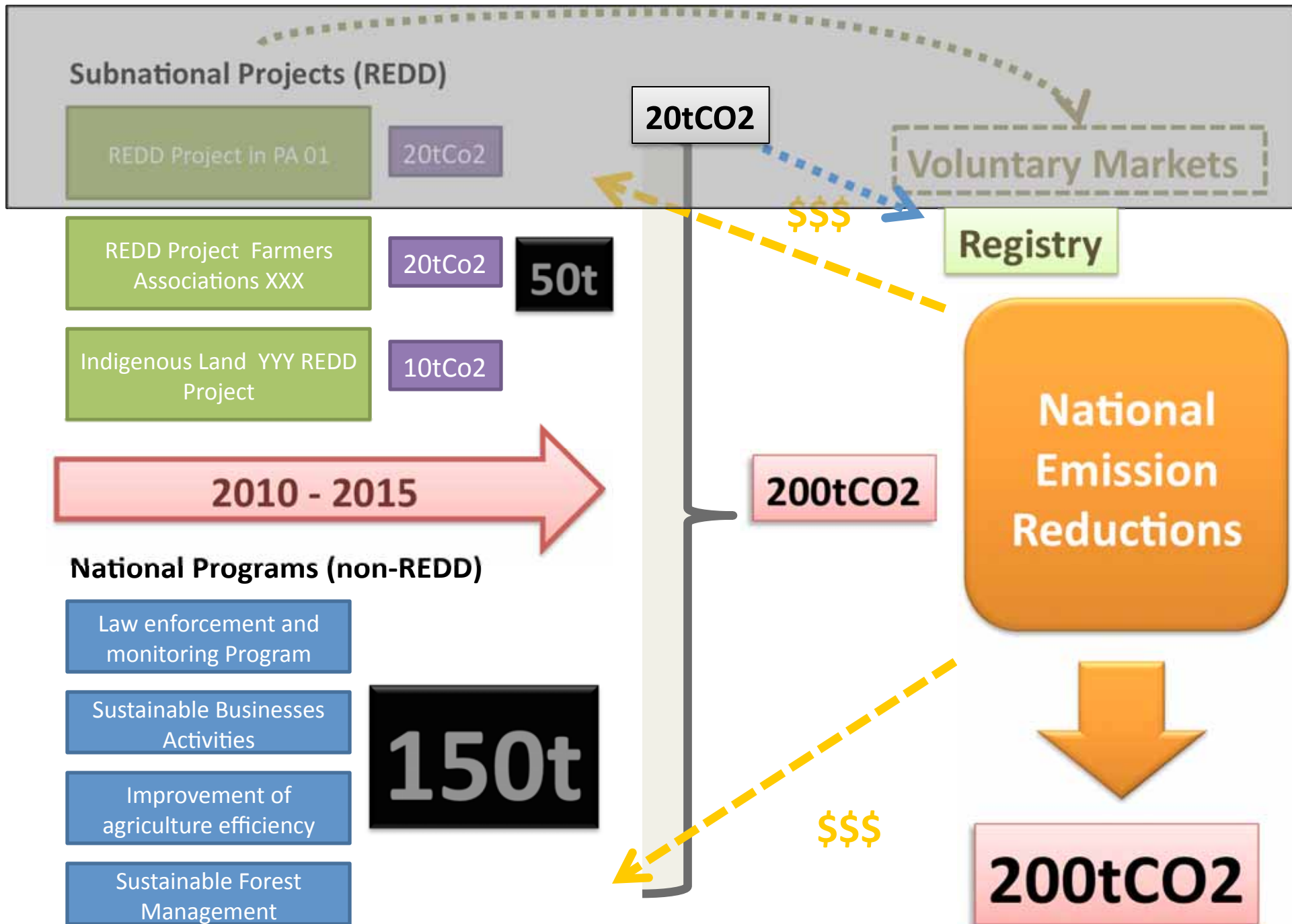
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200tCO2



Subnational Projects (REDD)





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Desenvolvimento Sustentável do Amazonas